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television tuner, a video cassette player (VCP), a compact disk (CD) player, a digital video disk (DVD) player, an AM/FM radio, a video game player, global navigation data, and e-mail.

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5. The display device according to claim 1, further comprising signal processing facilities adapted to perform at least one of signal processing and signal conversion, with respect to at least one of the audio signals and the video signals.

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6. The display device according to claim 5, wherein said signal processing facilities are adapted to perform at least one of digital signal processing, encoding, decoding, encrypting, decrypting, compressing, decompressing, analog-to-digital conversion (ADC), digital-to-analog conversion (DAC), and error correction.

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7. The display device according to claim 1, wherein said display device employs one of a liquid crystal display (LCD), light emitting diodes (LEDs), and a gas plasma.

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8. The display device according to claim 7, wherein said liquid crystal display is based upon one of active matrix technology and passive matrix technology.

5 9. The display device according to claim 1, wherein
said display device employs touch screen technology.

10. The display device according to claim 1, wherein
said display device includes one of picture-in-picture and
split screen capability.

11. The display device according to claim 1, wherein
said at least one wireless transmitter comprises at least
one multiplexor adapted to select a specific input device
whose audio output is to be wirelessly transmitted to the at
least one wireless headphone set.

12. The display device according to claim 1, wherein
said at least one wireless transmitter is adapted to
wirelessly transmit the audio signals to the at least one
wireless headphone set as a left audio channel and a right
audio channel.

13. The display device according to claim 12, wherein the left audio channel and the right audio channel correspond to different frequencies.

5 14. The display device according to claim 1, wherein said at least one wireless headphone set comprises a plurality of wireless headphone sets, and said at least one wireless transmitter is adapted to wirelessly transmit the audio signals to each of the plurality of wireless headphone sets as a left audio channel and a right audio channel, each of the channels having a different frequency for each of the plurality of wireless headphone sets.

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15 Sub G2 15. ~~The display device according to claim 1, wherein~~
said bus comprises a video bus and an audio bus.

16. The display device according to claim 1, wherein said video bus is coupled to said display device and said audio bus is coupled to said at least one wireless transmitter.

20 Sub B1 17. The display device according to claim 1, wherein said at least one wireless transmitter comprises an optical

transmitting device and the at least one wireless headphone set comprises a photosensitive device.

18. The display device according to claim 1, wherein
5 said at least one wireless transmitter and the at least one wireless headphone set comprise an antenna.

19. The display device according to claim 1, wherein
10 the at least one wireless headphone set comprises a digital-to-analog converter.

20. The display device according to claim 1, wherein
15 said at least one wireless transmitter is adapted to transmit the audio signals based on Code-Division Multiple Access (CDMA) technology.

21. The display device according to claim 20, further
20 comprising signal processing facilities, and wherein at least some CDMA operations are performed by said signal processing facilities.

22. The display device according to claim 20, wherein left audio channels and right audio channels of the audio signals are coded separately.

5 23. The display device according to claim 20, wherein the at least one wireless headphone set comprises a selector for selecting one of a plurality of audio signals for audio reproduction.

10 24. The display device according to claim 20, wherein the at least one wireless headphone set comprises at least one of a Walsh code generator and pseudo random number (PN) sequence generator for decoding the audio signals.

15 25. ~~A display device for a vehicle having a seat,~~
 comprising:
 an assembly housing adapted to mount at a rear portion
 of the seat;
 a video bus adapted to couple video signals from
20 external media sources;
 an audio bus adapted to couple audio signals from the
 external media sources;

~~a wireless transmitter operatively coupled to said audio bus, adapted to wirelessly transmit the audio signals to a plurality of wireless headphone sets, wherein said display device is adapted to reproduce the video signals.~~

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26. A display device for a vehicle having a seat, comprising:

an assembly housing adapted to mount at a rear portion of the seat;

10 a bus adapted to couple at least one of video and audio signals from each of a plurality of external input devices;

a wireless transmitter operatively coupled to said bus, adapted to wirelessly transmit the audio signals to at least one wireless headphone set, wherein said display device is
15 ~~adapted to reproduce the video signals.~~

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